

ISES CWCS – Phase 2 Infinite Campus User Group

Department of Public Instruction

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CWCS Phase 1 Results

- CWCS Phase 1 closed on **October 10, 2011**
 - 442 districts submitted data – **WHAT A SUCCESS!**
 - 440 districts Locked – **EXCELLECT Response!**
 - District's response to the CWCS System – **Above & Beyond!**

Student Achievement

Accountability

Phase 1 Results:

- 18% reported less than 75% of their student count on the 3rd Friday in September
- 56 districts reported zero student records for 1 or more schools
- Data reasonability checks providing valuable training opportunities
- Limit future changes due to forthcoming Statewide Student Information System
- 56 districts had no student data for 1 or more schools
- Multiple terms submitted
- Duplicate sections for different reporting terms submitted (1st quarter, 2nd quarter and also 1st semester)

Example: CWCS Data Merge Process

Year = 2011, term = A)												
AFTER MERGE - 3rd Run						BEFORE MERGE						
SECTION_SEQ_NUM	SECTION_ID	COLLECTI ON_TYPE				SECTION_SEQ_NUM	SECTION_ID	COLLECTI ON_TYPE				
1272124	0820SHELTER	CW2				1272124	0820SHELTER	CW1				
2042358	0820DETENTION	CW2				1272125	0820DETENTION	CW1				
2043032	0820JAIL	CW2				1269521	0820JAIL	CW1				
						2042358	0820DETENTION	CW2				
						2043032	0820JAIL	CW2				
ENROLL_SEQ_NUM	STUDENT_SEQ_NUM	SECTION_SEQ_NUM	WSN	SECTION_ID	GRAD E	ENROLL_SEQ_NUM	STUDENT_SEQ_NUM	SECTION_SEQ_NUM	WSN	SECTION_ID	GRAD E	COLLE CTION_TYPE
3220186	18859522	2042358	1001004806	0820DETENTION	10	1714005	9159838	1272125	1009819531	0820DETENTION	10	CW1
3225235	18872462	2042358	1001240126	0820DETENTION	10	1714006	9159839	1269521	1009030955	0820JAIL	12	CW1
3229101	18889274	2043032	1014697573	0820JAIL	11	1714007	9159840	1269521	1008901901	0820JAIL	12	CW1
3229104	18889278	2043032	1018713972	0820JAIL	11	1714008	9159841	1269521	1021243272	0820JAIL	11	CW1
3229077	18889218	2043032	1008023717	0820JAIL	12	1714009	9159842	1269521	1007392238	0820JAIL	12	CW1
3229080	18889222	2043032	1008823874	0820JAIL	12	1714010	9159843	1272124	1008876481	0820SHELTER	11	CW1
3229091	18889252	2042358	1008956768	0820DETENTION	11	1714011	9159844	1272124	1008798177	0820SHELTER	10	CW1
3229094	18889262	2043032	1009004783	0820JAIL	11	1714012	9159845	1272124	1012161188	0820SHELTER	09	CW1
3229097	18889266	2043032	1013669673	0820JAIL	12	1714004	9159837	1272125	1008807806	0820DETENTION	09	CW1
3229084	18889229	2042358	1008955034	0820DETENTION	10	1713676	9157108	1272125	1010712939	0820DETENTION	10	CW1
3228942	18882127	2042358	1002579878	0820DETENTION	09	1713677	9157109	1272125	1008826702	0820DETENTION	10	CW1
1714010	9159843	1272124	1008876481	0820SHELTER	11	1713678	9157110	1272125	1011957957	0820DETENTION	10	CW1
1714011	9159844	1272124	1008798177	0820SHELTER	10	1713679	9157111	1272125	1008023819	0820DETENTION	10	CW1
1714012	9159845	1272124	1012161188	0820SHELTER	09	3229077	18889218	2043032	1008023717	0820JAIL	12	CW2
						3229080	18889222	2043032	1008823874	0820JAIL	12	CW2
						3229091	18889252	2042358	1008956768	0820DETENTION	11	CW2
						3229094	18889262	2043032	1009004783	0820JAIL	11	CW2
						3229097	18889266	2043032	1013669673	0820JAIL	12	CW2
						3229084	18889229	2042358	1008955034	0820DETENTION	10	CW2
						3228942	18882127	2042358	1002579878	0820DETENTION	09	CW2
						3220186	18859522	2042358	1001004806	0820DETENTION	10	CW2
						3225235	18872462	2042358	1001240126	0820DETENTION	10	CW2
						3229101	18889274	2043032	1014697573	0820JAIL	11	CW2
						3229104	18889278	2043032	1018713972	0820JAIL	11	CW2

CWCS Phase 2 Timeline

- CW1
 - February 1, 2012 Open
 - May 2, 2012 Close
- CW2
 - May 16, 2012 Open
 - August 15, 2012 Close

Not Collecting Summer
School Data

Not Collecting K3 or PK
(Early Childhood Data)

OUT OF SCOPE:

Will not be collecting CWCS data from;

- the two state schools, multi-district charter schools, DOC, DHFS or CCDEBs.
- summer school enrollment.
- early childhood enrollment (K3 & PK).

CWCS Project Steering Committee

- ▶ Rod Packard, IT Director
- ▶ Doug White, Student Services / Prevention & Wellness
- ▶ Rebecca Vail, Content & Learning
- ▶ Sharon Wendt, Career & Technical Education
- ▶ Julie Brilli, Teacher Licensing
- ▶ Tiffany Boyd, Data Management & Reporting (Co Project Manager)
- ▶ Jim Henning, Applications Development (Co Project Manager)
- ▶ Sarita Jha, Applications Development (Technical Lead)
- ▶ Susan Rose-Adametz, Applications Development (Business Analyst)

Leadership

Communication

- ✓ Data reasonability checks currently being done on CW1 & CW2 data.
- ✓ Analysis of data within districts and across the state.
- ✓ Identify training opportunities for Phase 2.
- ✓ Document business rules to reinforce proper usage of data fields.

CWCS External Advisory Committee

- ▶ Kelly Wildenberg, Kaukauna Area
- ▶ Patt Goerke, Wauwatosa
- ▶ Susan Gatzow, Arrowhead UHS
- ▶ Lisa Van Dyke, Elkhorn Area
- ▶ Frona Tenuta, Racine
- ▶ Deb Zdun, Pittsville
- ▶ Angela Mochring, Seymour
- ▶ Michael Rauworth, Oconomowoc Area

Collaboration & Guidance

CWCS Phase 2 Communications

- ▶ Vendor Conference scheduled on **November 2**, 2011 via MS Live – topics include:
 - New data field
 - Existing data field
 - Interface specification changes
 - Validation message changes
 - DTD file updates
- ▶ District Training Sessions via MS Live beginning **November** 2011 and continue through **June** 2012 (bi-weekly) - topics include:
 - Mapping Courses
 - When Should You Report Coursework Completion Records?
 - Reporting Term Roll-up
 - Section/Course Submission Guidelines

Working Together

Opportunities

VENDOR CONFERENCE:

- New data field
 - Impact on Upload files
 - Impact on download files
 - Impact on CWCS user interface
- Existing data field (updates)
- Interface specification changes (updates/new)
- Validation message changes (updates/new)
- DTD file updates

DISTRICT TRAINING DETAIL:

- Mapping Courses (elementary, middle school and high school)
- When Should You Report Coursework Completion Records?
- Reporting Term Roll-up
- Section/Course Submission Guidelines (Alternative Ed, Virtual / Online Ed, Distance Ed, Dual Enrollment Credit, Project Based Learning and Special Ed)

Common Data Fields

▶ Course & Teacher Record

- Collection Type – required
- Submitting District – required
- School Code – required
- Year – required
- Term – required – **added Block Scheduling values 1 - 10**
- Record Type – required
- Section ID – required

▶ Student & Completion Record

- Collection Type – required
- Submitting District – required
- School Code – required
- Year – required
- Term – required – **added Block Scheduling values 1 - 10**
- Record Type – required
- Section ID – required

Linking Data

Unique Records

Available reporting terms in Phase 2:

- Quarters (4)
- Semesters (2)
- Trimesters (3)
- Blocks (1 - 10)
- Annual (1)

During Phase 1 we noticed the same Section ID/Course were reported as both Quarters and Semesters or Quarters and Annual in the same school. Is this possible that the same course is taught in the morning as a quarterly course and then a different class in the afternoon as an annual course?

Course & Teacher Data Fields

- Course Code – required
- Classroom Type – optional
- Local Course Title – conditional
- Dual Enrollment Credit - conditional - required for grade levels 9 - 12
- Distance Education – optional - must assign a teacher role(s) other than monitoring educator
- Virtual / Online Education – optional - must assign a teacher role(s) other than monitoring educator
- Project Based Learning – conditional
- Academic Service Learning – optional
- Alternative Education Programs – conditional
- Equivalency – optional – added business rule validating it is a valid secondary course code and school code must equal high school
- World Language – required – added business rules validity based on school type
- Bilingual/ESL – optional
- Teacher Role – required - limited usage of monitoring educator role
- DPI Educator Number – required
- Last Name – required
- Former Last Name – conditional

New Elementary Course Codes & Rigor Levels

Educators May Be From Outside Your District

- Added the Elementary (NCES Prior to Secondary) School Course Codes
 - Not eliminating the WI DPI Elementary General Studies Course Codes during Phase 2 – SY2011-2012, they will remain in the tables for usage.
 - Additional level of rigor ONLY for the NCES Elementary School Course Codes (not to be associated with WI DPI Elementary Course Codes)
 - X – no specific level of rigor, used for exploratory courses
 - Additional business rule in the event a high school student is associated with an elementary course code.

Student & Completion Data Fields

- WSN ID – required - update WSN validation to be based on a district (a student may take classes at multiple schools within a district)
- Enroll Date – required
- Grade Level Placement – required - update the “Grade Level Placement is not within Expected Range” Error at district level
- Completion Status – required
- High School Credits Earned – optional – update valid value between 00.000 and 10.000 per reporting term
- College Credits Earned – optional – update valid value between 00.000 and 10.000 per reporting term
- Grade Earned – optional - for grade levels K3 - 8 and required for 9 - 12
- Part-time Open Enrollment District - required - for all grade levels
- WSLS School – optional – when provided must be a valid school code from the DPI Agency Table. (WSLS Enrolled School)

Simplified Processing Rules

New Data Field Adds Flexibility

Enroll date remains unchanged – must match WSLS Enroll Date.

- WSN ID not found. WSN ID entered was not found in WSLS District.
- (Warning) Unexpected 'School Code' associated with student 'WSN ID'. This student's WSN ID is associated with multiple schools within your district.
- Invalid enrollment period. No WSLS record exists for the WSN, District, ~~School~~, and Enroll Date identified for this record.
- No Students Reported in one or more schools where section data exists. District Lock requested with no student or coursework completion data reported for school(s). However section/course/teacher records were submitted for these schools.

When you have a student taking a class at a different school within your district you will setup the student completion record as outlined below:

- *The following is an example of the Student Load File Definition:*

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<!DOCTYPE CWCS_TRANS SYSTEM "TR_CWCSWS.DTD">
<CWCS_TRANS>
  <DTG>02-10-2011 13:00:05 CST</DTG>
  <SEQ_NUM>00001</SEQ_NUM>
  <COLLECTION>CW1</COLLECTION>
  <DISTRICT>0001</DISTRICT>
  <SCHOOL>
    <SCHOOL>0002</SCHOOL> (CWCS Reporting School)
  <RECORD_TYPE>WS</RECORD_TYPE>
  <YEAR>2011</YEAR>
  <TERM>1S</TERM>
```

- *Example: middle school student with all data fields taking coursework at the high school*

```
<STUDENT>
  <SECTION_ID>ALG206B</SECTION_ID>
  <WSN_ID>1222567890</WSN_ID>
  <ENROLL_DATE>03/17/2007</ENROLL_DATE>
  <GRADE>08</GRADE>
  <COMPLETION_STATUS>P</COMPLETION_STATUS>
  <HS_CREDIT_EARNED>0.25</HS_CREDIT_EARNED>
  <COLG_CREDIT_EARNED>0.0</COLG_CREDIT_EARNED>
  <GRADE_EARNED>3.5</GRADE_EARNED>
  <PTO_ENROLL_DISTRICT>NA</PTO_ENROLL_DISTRICT>
  <WLS_SCHOOL>0040</WLS_SCHOOL> (WLS Enrolled School)
</STUDENT>
```

1. WLS is not changing.

- No you do not have to enroll the student into multiple schools within your district.
- Students may take classes in multiple schools within your district.
- To clarify "WLS ENROLL SCHOOL" remains the same
- CWCS Reporting School – is the school where the student is taking the class. This is the CWCS Reporting School, they may now submit students that are sitting in their classroom through CWCS. This is a change from Phase 1 when the WLS Enroll School was required to report all courses for all their student enrollment.
- CWCS Reporting School:
 - Student Record List (students from WLS School will now appear)
 - File Upload Request – MUST provide the WLS_SCHOOL in Student Record when the CWCS Reporting School is different than the ENROLLED school for the student.
 - File Download Request (students from WLS School will now appear)
 - School Course Enrollment Report (students from WLS School will now appear)

What Is The Impact to CWCS Reporting School?

- ▶ Student Record List
 - Students from WSLS Enroll School will now appear in the list.
- ▶ File Upload Request
 - MUST provide the WSLS_SCHOOL in Student Record when the CWCS Reporting School is different than the WSLS Enrolled School for the student.
- ▶ File Download Request
 - Students from WSLS Enroll School will now appear in the list.
- ▶ School Course Enrollment Report
 - Students from WSLS Enroll School will now appear in the list.

CWCS Reporting School – the School Where the Student is Taking the Class

You Do Not Have to Enroll the Student into Multiple Schools Within Your District

Course & Teacher Validation Message

CT3I:

Invalid 'World Language'. ~~When provided,~~ 'World Language' code must be a valid World Language code.

Data Field Updated to Required

Course & Teacher Validation Message

CT32:

Invalid 'Bilingual / ESL'. When provided, 'Bilingual / ESL' **must** be a valid Bilingual / ESL code.

Verbiage Update Only

Course & Teacher Validation Message

CT54:

Invalid 'Equivalency' combination. 'Equivalency' was provided as a value other than 'NA', Not Applicable, and 'Course Code' was provided as a value other than a valid 'Secondary Course Code' and school type was not of high school.

New Validation Message added
to Improve Data Accuracy

Course & Teacher Validation Message

CT55:

Required field is missing, 'World Language'. 'World Language' is a required field for all course and teacher records.

Data Field Updated to Required

Course & Teacher Validation Message

CT56:

Required field is missing, 'Dual Enrollment Credit'. 'Dual Enrollment Credit' is required when secondary course code is provided.

Data Field Updated to Conditional

Course & Teacher Validation Message

CT57:

Invalid 'Teacher Role' combination. Teacher Role was provided as 'ME', Monitoring Educator. A Teacher Role of 'ME' can only be used when 'Dual Enrollment Credit' equals 'YOPC', 'YOUW', 'YOTC' or 'YA' or Alternative Education program equals 'HSED' OR 'CA'.

Educators May be From Outside of Your District

Course & Teacher Validation Message

CT58:

Invalid 'World Language' for elementary school type. 'World Language' was provided as a value of 'FLES' and school type was other than elementary and elementary/secondary combined school type.

Added Business Rule to Improve Data Accuracy

Course & Teacher Validation Message

CT59:

Invalid 'World Language' for middle school type. 'World Language' was provided as a value of 'FLEX' and school type is not junior high and middle school types.

Added Business Rule to Improve Data Accuracy

Student & Completion Validation Message

SC35:

Invalid 'High School Credits Earned'. 'High School Credits Earned' must be a numeric value ≥ 0.000 and ≤ 10.000 . Valid decimal values may be up to 3 decimal points. ~~Valid decimal values are .0, .05, .083, .084, .1, .111, .125, .15, .166, .167, .188, .2, .222, .25, .3, .333, .334, .375, .4, .444, .5, .555, .556, .6, .625, .666, .667, .7, .75, .777, .778, .8, .833, .875, .888, .889, and .9~~

Updated Business Rule to Eliminate Rework

Student & Completion Validation Message

SC36:

Invalid 'College Credits Earned'. 'College School Credits Earned' must be a numeric value ≥ 0.000 and ≤ 10.000 . Valid decimal values may be up to 3 decimal points. ~~Valid decimal values are .0, .05, .083, .084, .1, .111, .125, .15, .166, .167, .188, .2, .222, .25, .3, .333, .334, .375, .4, .444, .5, .555, .556, .6, .625, .666, .667, .7, .75, .777, .778, .8, .833, .875, .888, .889, and .9~~

Updated Business Rule to Eliminate Rework

Student & Completion Validation Message

SC48:

WSN ID not found. WSN ID entered was not found in **WSLS**
District.

Updated Business Rule to Eliminate Rework

Student & Completion Validation Message

SC49:

(Warning) Unexpected 'School Code' associated with student 'WSN ID'. This student's WSN ID is associated with multiple schools within your district.

New Business Rule to Improve Data Accuracy

Student & Completion Validation Message

SC50:

No Students Submitted in one or more schools where section data exists. District Lock requested with no student or coursework completion data reported for school(s). However section/course/teacher records were submitted for these schools.

New Business Rule to Improve Data Accuracy

Student & Completion Validation Message

SC51:

Invalid combination of 'High School Credits Earned' and 'Completion Status'. 'Completion Status' was provides as value of 'I', 'F' or 'WD', hence 'High School Credits Earned' may not be a value >='00.000'.

New Business Rule to Improve Data Accuracy

Student & Completion Validation Message

SC52:

Invalid combination of 'College Credits Earned' and 'Completion Status'. 'Completion Status' was provided as value of 'T', 'F' or 'WD', hence 'College Credits Earned' may not be a value >='00,000'.

New Business Rule to Improve Data Accuracy

Student & Completion Validation Message

SC53:

Required field is missing 'Part-time Open Enrollment District'.
Part-time Open Enrollment District is a required field for all grade levels.

New Business Rule to Improve Data Accuracy

Student & Completion Validation Message

SC54:

(Warning) Unexpected secondary course code in an elementary school type. The 'Section ID' provided is associated with a secondary course code, while the school type for this record is of elementary grade levels.

New Business Rule to Improve Data Accuracy

Questions or Suggestions?



CWCS Resources

- ▶ <http://dpi.wi.gov/lbstat/cwcsapp.html>
- ▶ ISES Help Desk – 800-507-5744